

Honors Biology 1 Summer Assignment

The following work is due the first day of school. If you do not turn it in then, you will lose 20% of your grade on the assignment each day it is late.

1. Read Chapter 1
2. Summarize the main ideas of each of the 3 sections on the handout provided
 - For EACH section, you need at least 10 sentences with specific information
 - Do NOT just define vocab here
3. Make vocab cards for each of the 19 bolded/highlighted words in the chapter (see list below)
 - Write the term on one side of an index card and its definition on the other
4. For EACH of the prefixes/suffixes listed on the “Break it Down” handout provided, give at least one example of a word that contains that prefix
 - They do not have to be science words
 - Pick words that will help you learn the meaning of the prefix
 - Examples
 - anti = against; antisocial = against being social
 - archae = ancient; archaeology = study of ancient things
5. Study the prefixes/suffixes and their meanings, as you will be quizzed on them on the 3rd day of school

Define the following bolded/highlighted words from each section in Chapter 1:

- | | |
|-------------------------|------------------------|
| • Science | • Bias |
| • Observation | • Biology |
| • Inference | • DNA |
| • Hypothesis | • Stimulus |
| • Controlled experiment | • Sexual reproduction |
| • Independent variable | • Asexual reproduction |
| • Dependent variable | • Homeostasis |
| • Control group | • Metabolism |
| • Data | • Biosphere |
| • Theory | |

Summaries

Chapter 1.1: What is Science?

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Chapter 1.2: Science in Context

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Chapter 1.3: Studying Life

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